CONTENTS

No. 1 (DECEMBER, 1931)

Original Articles: PAGE

25. The Mineral Constituents and Citric Acid Content of Milk. L. A. ALLEN 1

26. The Effect of Night on Milk Production. K.W.D. CAMPBELL 52

27. The Autoxidation of Butterfat. I. Factors Influencing the Reaction. L. H. BRIGGS 61

28. The Autoxidation of Butterfat. II. Comparison of Tests for Detecting Oxidation Changes. L. H. BRIGGS . . 70

29. The Effect of Heat upon the Rennin Coagulation. II. G. M. MOIR 80

30. Observations on the Copper and Iron Content of Milk and other Dairy Products. W. L. DAVIES 86

31. The Determination of Copper and Iron in Dairy Products. W. WILLIAMS 93

32. A Controlled Cheese-ripening Room. N. S. GOLDING . 101

33. A Contribution to the Bacteriology of Commercial Sterilised Milk. E. R. HISCOX and M. I. CHRISTIAN . . 106

34. Standardisation of Media in the Acid Ranges with special reference to the Use of Citric Acid and Buffer Mixtures for Yeast and Mould Media. J. G. DAVIS 133

Abstracts and Reviews:

Bacteriology 142

General 142

Dairy 146

Chemistry (organic, inorganic and physical) 149

General 149

Dairy 152

Biochemistry 158

Physiology 171

Dairy Husbandry 173

Dairy Industry 175

Review 179

Statistics 180

No. 2 (MAY, 1932)

PAGE

Robert Stenhouse Williams. An Appreciation. By A. T. R. MATTICK 183

Original Articles:

35. The Chemical Constitution of the Proteins. R. H. A. PLIMMER 186
36. Cheese-ripening Studies. B. A. EAGLES and W. SADLER 227
37. Studies in Cheddar Cheese. I. The Oxidation-reduction Potentials of Ripening Cheddar Cheese. J. G. DAVIS . 241
38. The Inactivation of Lipase in Dairy Products by Traces of Heavy Metal Salts. W. L. DAVIES 254
39. An Auxiliary Evaporating and Preheating Apparatus for Drying Whey, Milk and other Liquids by the Roller Process. J. GOLDING and E. ROWSELL 264
40. Heredity and Milking Function. The Inheritance of Milk and Butterfat in Red Poll Cattle. A. C. T. HEWITT . . 272
41. Breeding for Milk Production in the Tropics. J. EDWARDS 281
42. The Yield and Composition of Milk with special reference to the Influence of Climatic Conditions and other Factors. J. HOUSTON and R. W. HALE 294
43. Normal Growth of Dairy Cattle. S. BARTLETT and J. L. JAMESON 310

Abstracts and Reviews:

Bacteriology 317
General 317
Dairy 319
Chemistry (organic, inorganic and physical) 322
General 322
Dairy 323
Biochemistry 328
Physiology 333
Dairy Husbandry 336
Dairy Industry 339

Reviews 341

Statistics 344